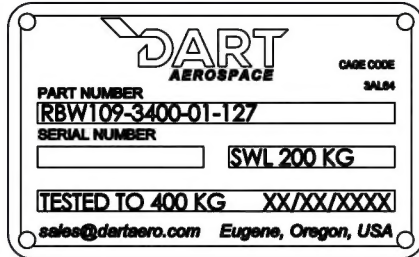
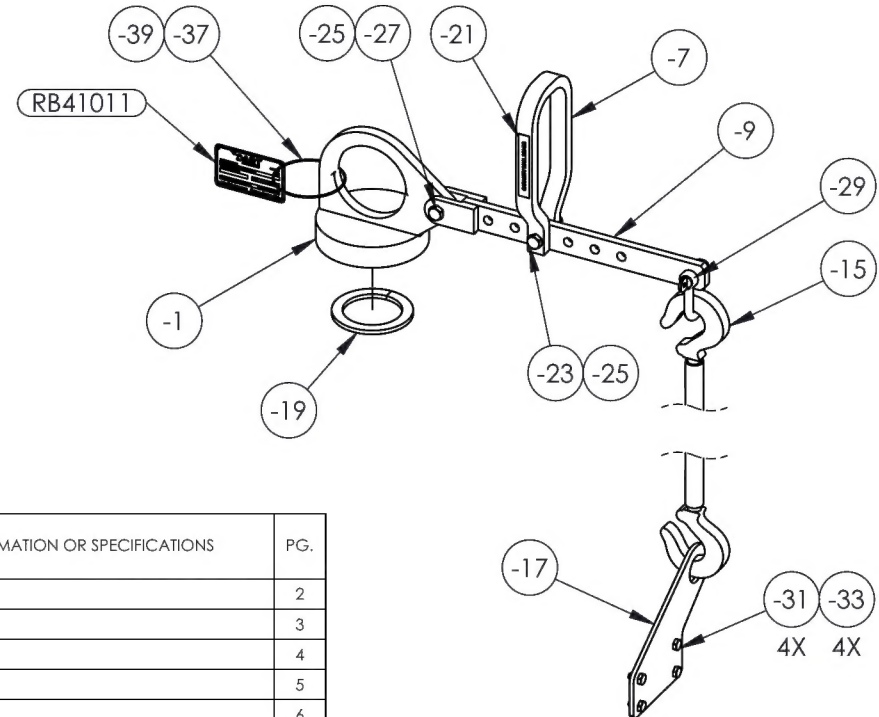


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RB41011 PLACARD DETAIL

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	UPDATED TO NEW STANDARDS. CH'D USED ON MODEL WAS A109 IS A119. -1 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-3" IS INK STAMP P/N. -3 DELETED DIM .900. ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46. -7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75. -9 DELETED FIXTURE NOTE, CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-123" IS INK STAMP P/N. -16 ADDED PART. -17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02. -21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE. -29 CH'D B/O REF WAS #35805172 IS #3824175. -41 ADDED PART.	2/4/2016	DPD	JAG



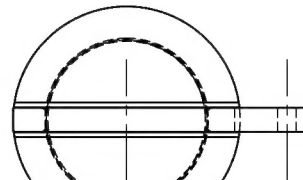
- NOTES:
1. TEST TO 400 KG USING RBW109-3400-01-127-F.
  2. REF. AGUSTA T/N: 109-3400-01-127.

ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		X		-1	1	EYE WELDMENT			2
		1		-3		BASE	4140/4142		3
		1		-5		LIFT RING	1018/1020 CR		4
				-7	1	CLEVIS	1018/1020 CR		5
	X			-9	1	ROD WELDMENT			6
	1			-11		BAR	1018/1020 CR		7
	2			-13		TAB	1018/1020 CR		8
X				-15	1	TIE ROD WELDMENT			9
1				-16		TIE ROD TUBE	1018/1020 CR		10
				-17	1	PLATE, STRUCTUAL	1018/1020 CR		11
				-19	1	RING	NYLON		12
			B/O	-21	1	LABEL	VINYL	CUT VINYL (SIGNS NOW)	13
			B/O	-23	1	BOLT, MACHINE	STEEL	3/8-24 X 1.8 AN6-16A	1
			B/O	-25	2	NUT, SELF-LOCKING, HEXAGON	S.S.	3/8-24 MS21043-6	1
			B/O	-27	1	BOLT, MACHINE	STEEL	3/8-24 X 1.58 AN6-14A	1
			B/O	-29	1	FORK	S.S.	5/16 (MCMaster-CARR #3824175)	1
			B/O	-31	4	BOLT, MACHINE	STEEL	1/4-28 X 1/2 AN4-5A	1
			B/O	-33	4	NUT, SELF-LOCKING, HEXAGON	S.S.	1/4-28 MS21043-4	1
			B/O	-37	1	LANYARD WIRE	STEEL	Ø1/16 X 3 (CARR LANE #CL2C)	1
			B/O	-39	1	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMaster-CARR #3896T31)	1
2			B/O	-41		SHANK HOOK WITH LATCH	STEEL	(MCMaster-CARR #3535T31 AND # 35315T41)	1
			B/O		1	DART PLACARD	ALUMINUM	RB41011	1
ASSY -15	ASSY -9	ASSY -1							

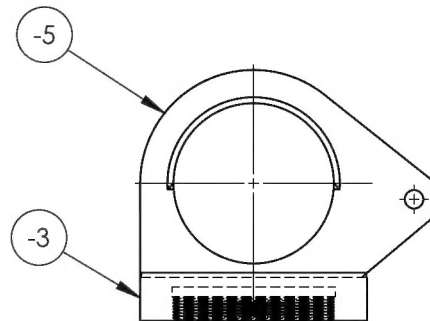
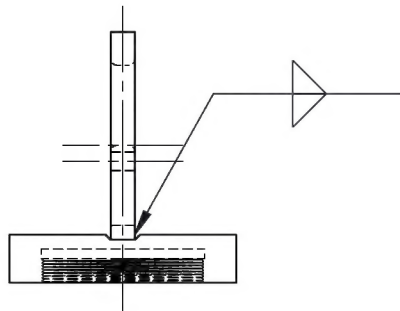
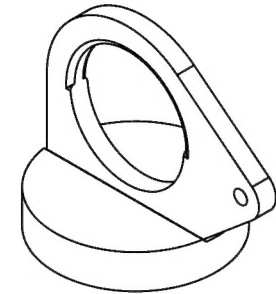
DART AEROSPACE		
TITLE		
MAIN TRANSMISSION LIFTING		
DWG NO.		REV
RBW109-3400-01-127		2
MAT'L	UNLESS OTHERWISE SPECIFIED	
HEAT TREAT	DIMENSIONS ARE IN INCHES	
FINISH	.XXX ± .005 FRACTIONS ± 1/8	
SPEC	.XX ± .01 ANGLES ± 5°	
	.X ± .1 SURFACES = 125/	
DRAWN BY:	GILBERT	
CHECKED:	CLOUGH	
OPPS APPR:	ANDERSON	
QA APPR:	LINDSAY	
APPROVED:	GILBERT	
SCALE	1:8	DATE 3/30/2011
		SHEET 1 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	1 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-3" IS INK STAMP P/N.	2/4/2016	DPD	JAG



INK STAMP P/N



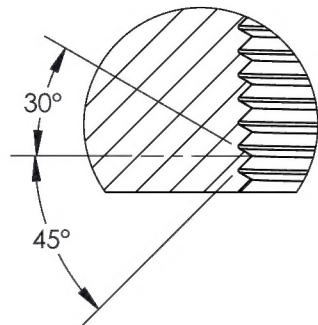
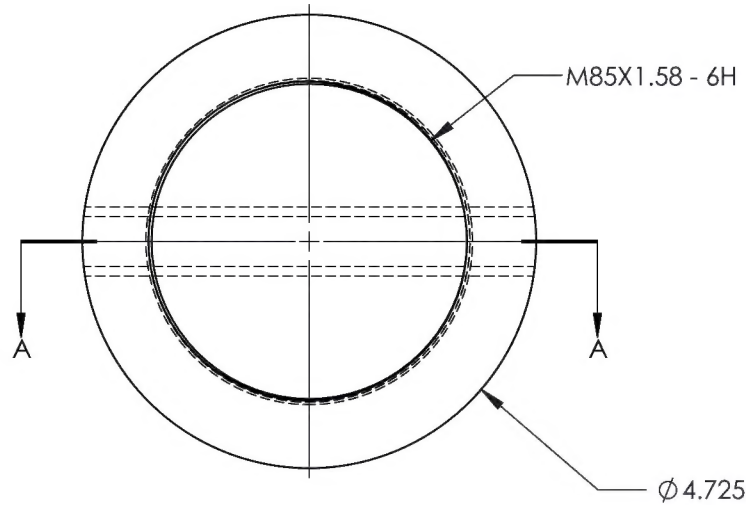
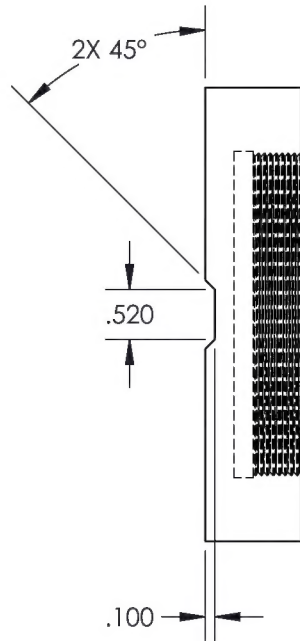
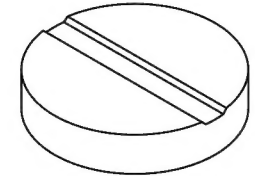
(-1)

EYE WELDMENT

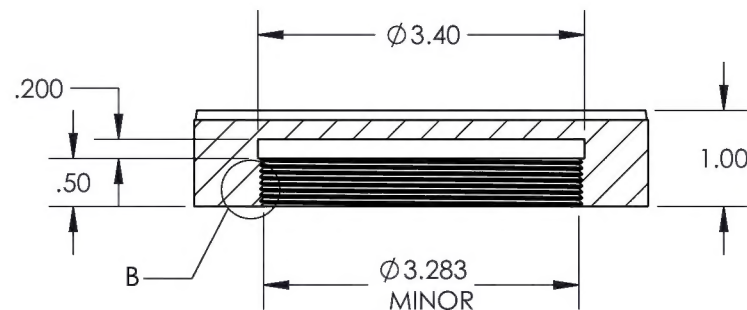
<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-1</b>	REV <b>2</b>
MAT'L <b>HEAT TREAT FINISH POWDER COAT YELLOW SPEC FED #13538</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: <b>GILBERT</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>CLOUGH</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	<b>A119</b>
SCALE <b>1:4</b>	DATE <b>3/30/2011</b>
SHEET 2 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-3 DELETED DIM .900. ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46.	2/4/2016	DPD	JAG



DETAIL B  
SCALE 2 : 1



VERIFY FIT WITH  
THREAD GAGE

SECTION A-A

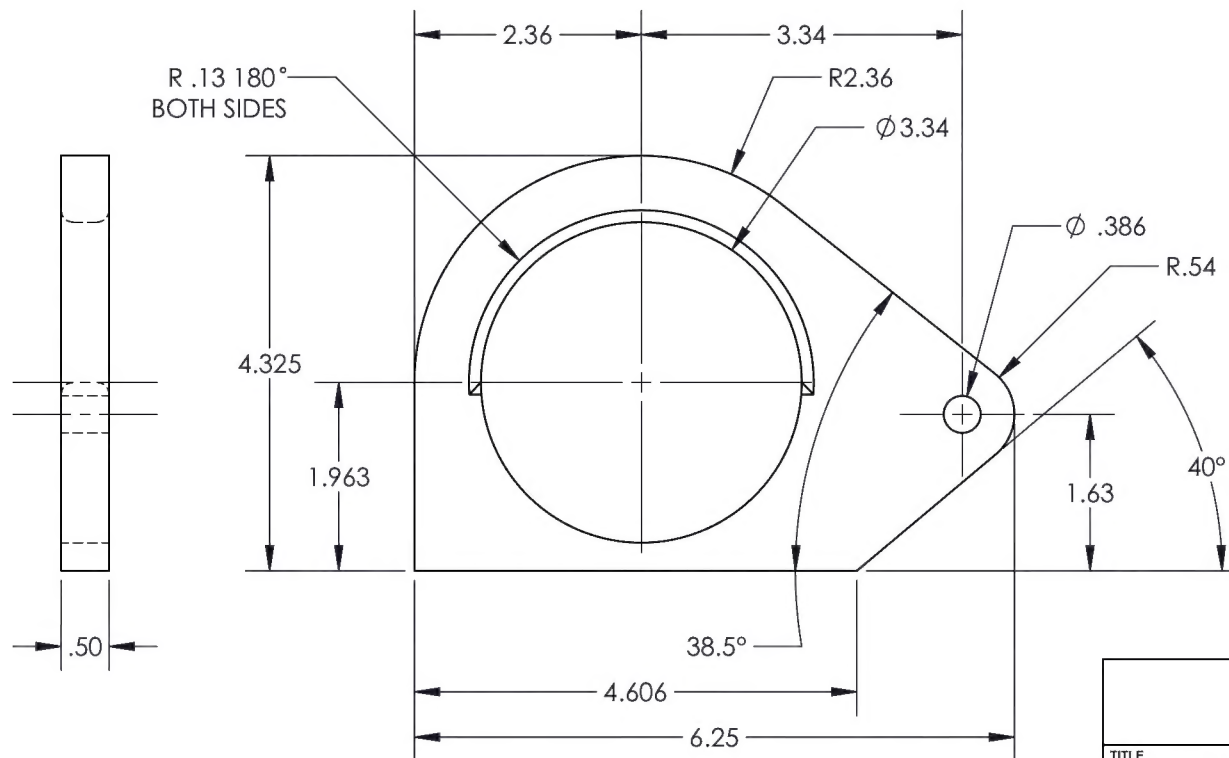
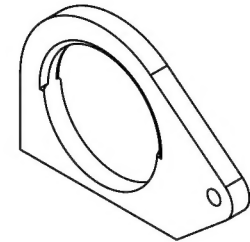
(-3)

BASE

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-3</b>	REV <b>2</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 42-46	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 3/30/2011	USED ON MODEL
SHEET 3 OF 13	A119

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	

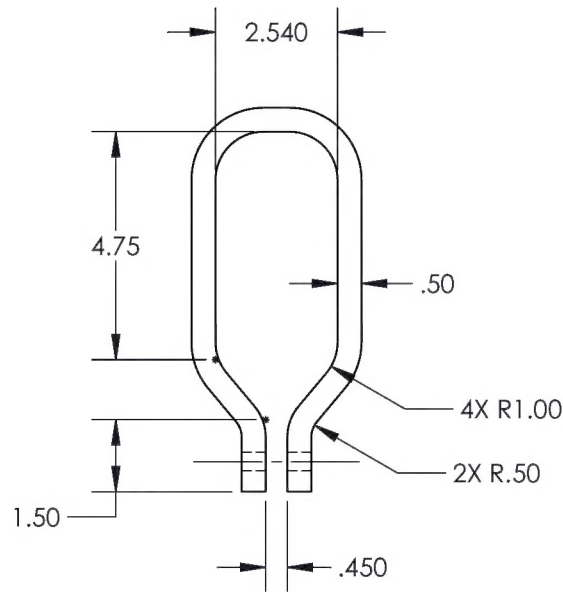
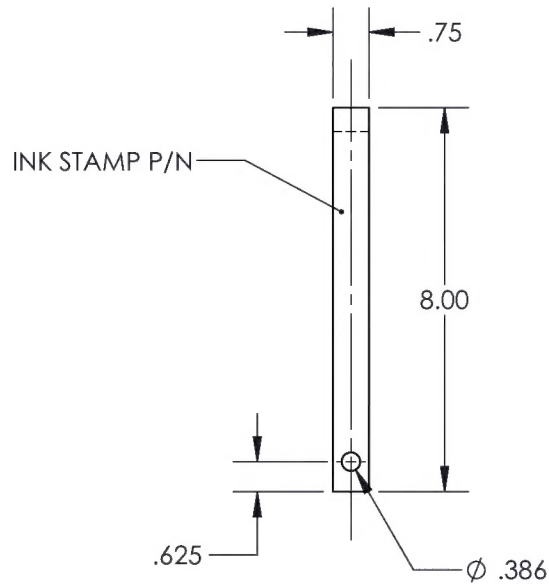
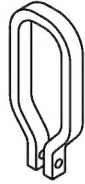


(-5)  
LIFT RING

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-5</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
FINISH SEE -1	.XX $\pm$ .01 ANGLES $\pm$ .5°
SPEC	.X $\pm$ .1 SURFACES = 125/✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	A119
SCALE 1:2	DATE 3/30/2011
SHEET 4 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75.	2/4/2016	DPD	JAG

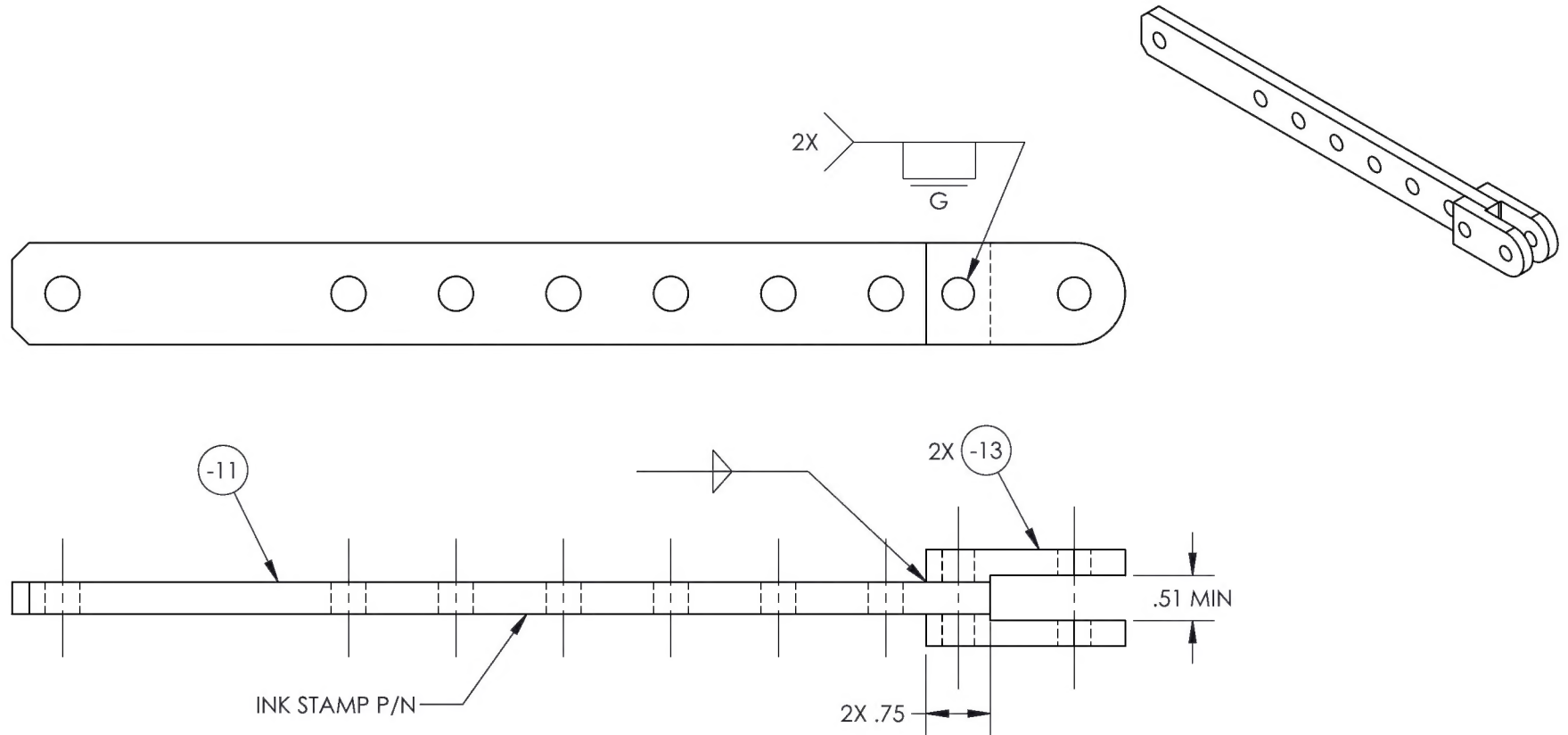


(-7)  
CLEVIS

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-7</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH POWDER COAT YELLOW	.XX ± .01 ANGLES ± 5°
SPEC FED #13538	.X ± .1 SURFACES = 125°
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	A119
SCALE 1:4	DATE 3/31/2011
SHEET 5 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-9 DELETED FIXTURE NOTE. CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-123" IS INK STAMP P/N.	2/4/2016	DPD	JAG



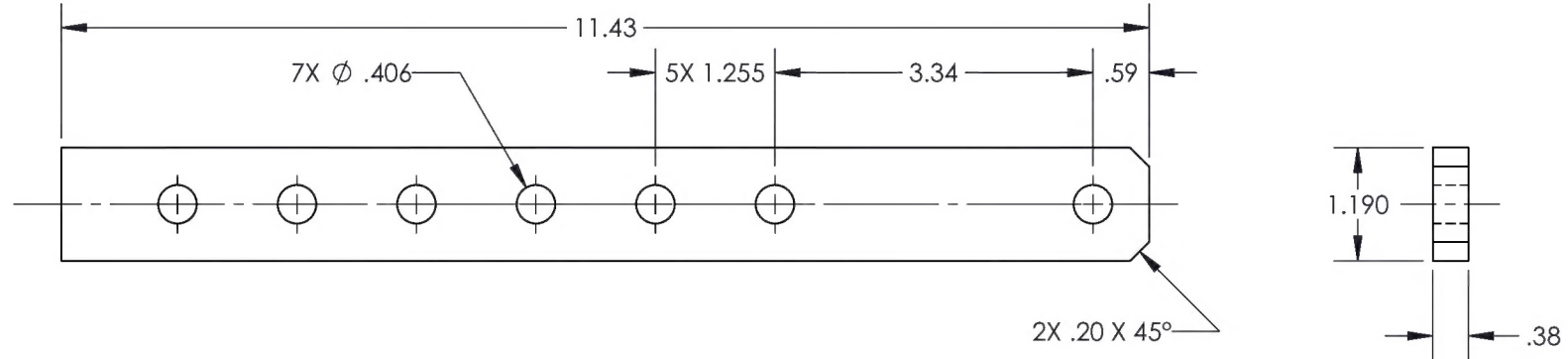
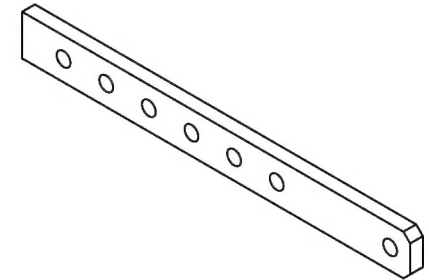
(-9)  
ROD WELDMENT

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-9</b>	REV <b>2</b>
MAT'L <b>STEEL</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FINISH <b>POWDER COAT YELLOW</b>	.XXX ± .010 FRACTIONS ± 1/8
SPEC <b>FED #13538</b>	.XX ± .03 ANGLES ± 1°
DRAWN BY: <b>GILBERT</b>	.X ± .1 SURFACES = 125°
CHECKED: <b>CLOUGH</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
OPPS APPR: <b>ANDERSON</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: <b>LINDSAY</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: <b>GILBERT</b>	USED ON MODEL <b>A119</b>
SCALE <b>1:2</b>	DATE <b>3/30/2011</b>
SHEET 6 OF 13	



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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



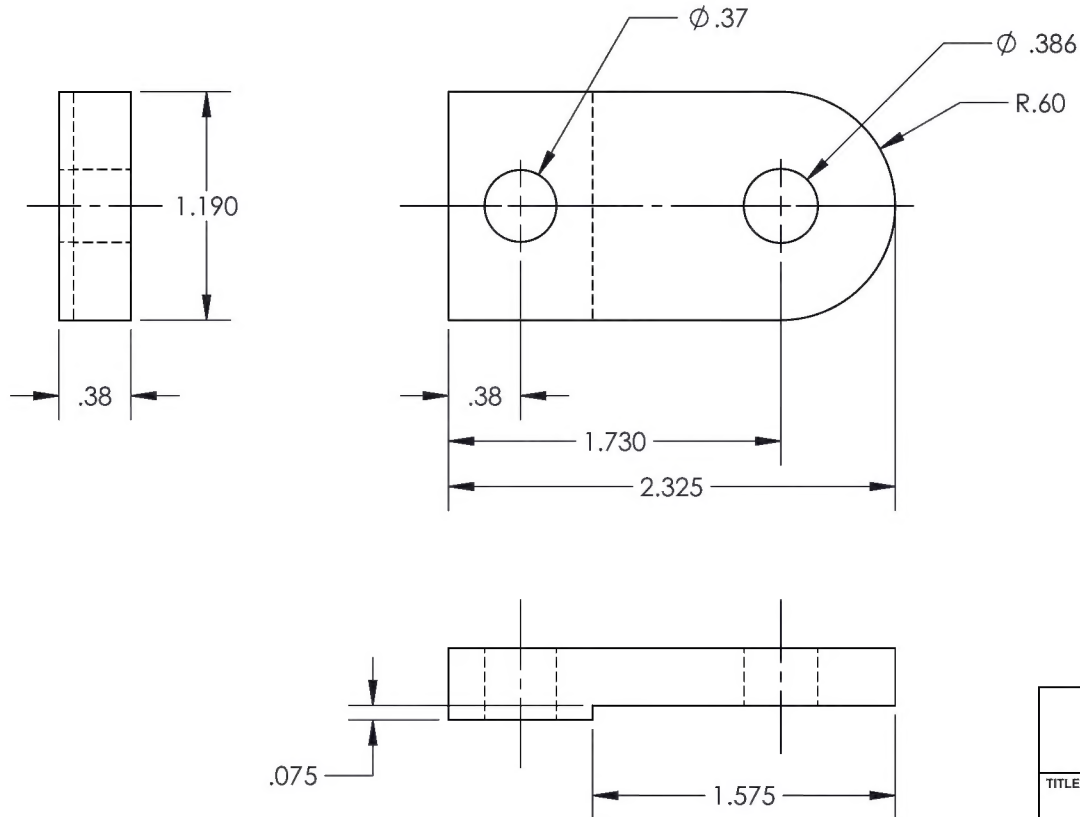
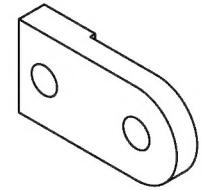
(-11)

BAR

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-11</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -9	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 3/30/2011	USED ON MODEL
SHEET 7 OF 13	A119

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-13)

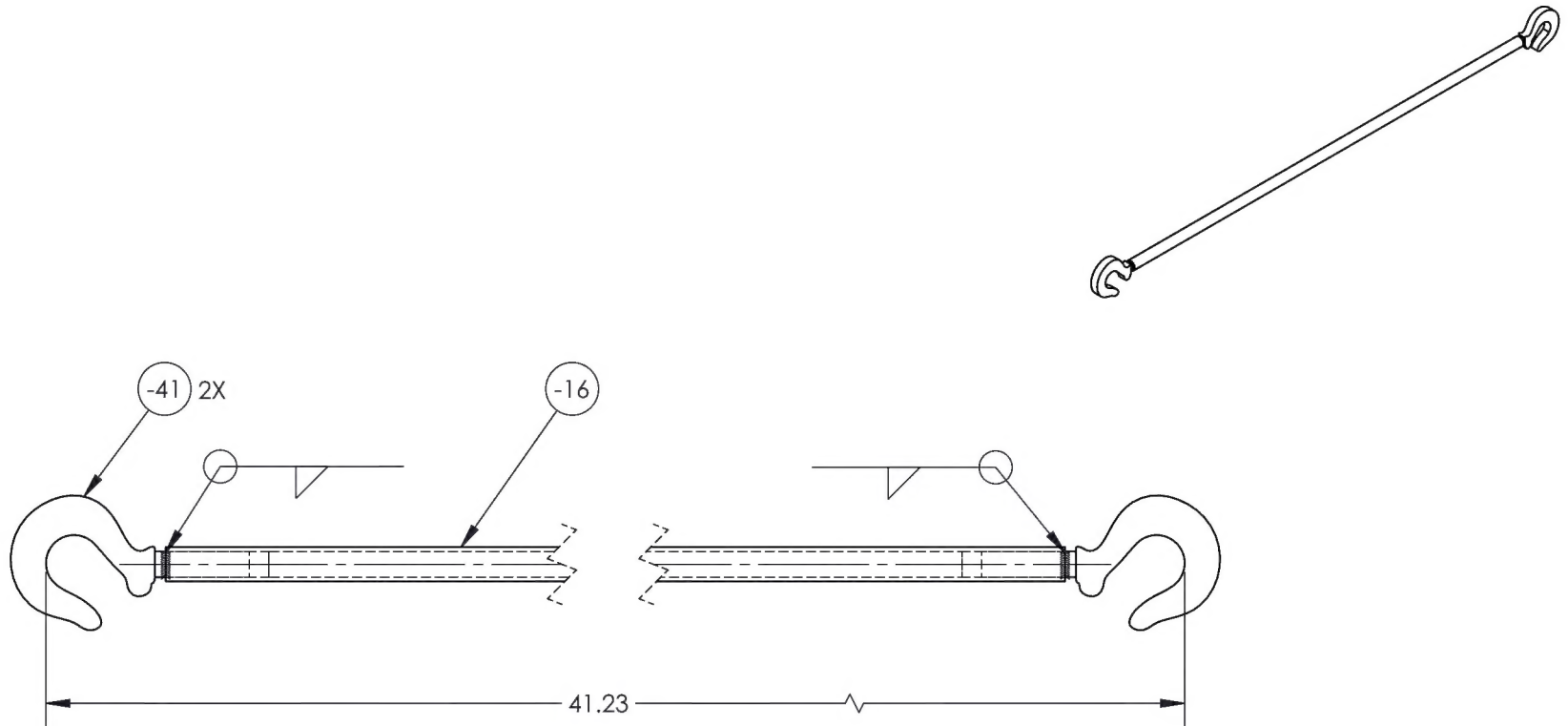
TAB

<b>DART</b> AEROSPACE	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-13</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -9	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 3/30/2011
	SHEET 8 OF 13



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-018	-15 REDESIGNED TO 3 PIECE WELDMENT.	2/4/2016	DPD	JAG



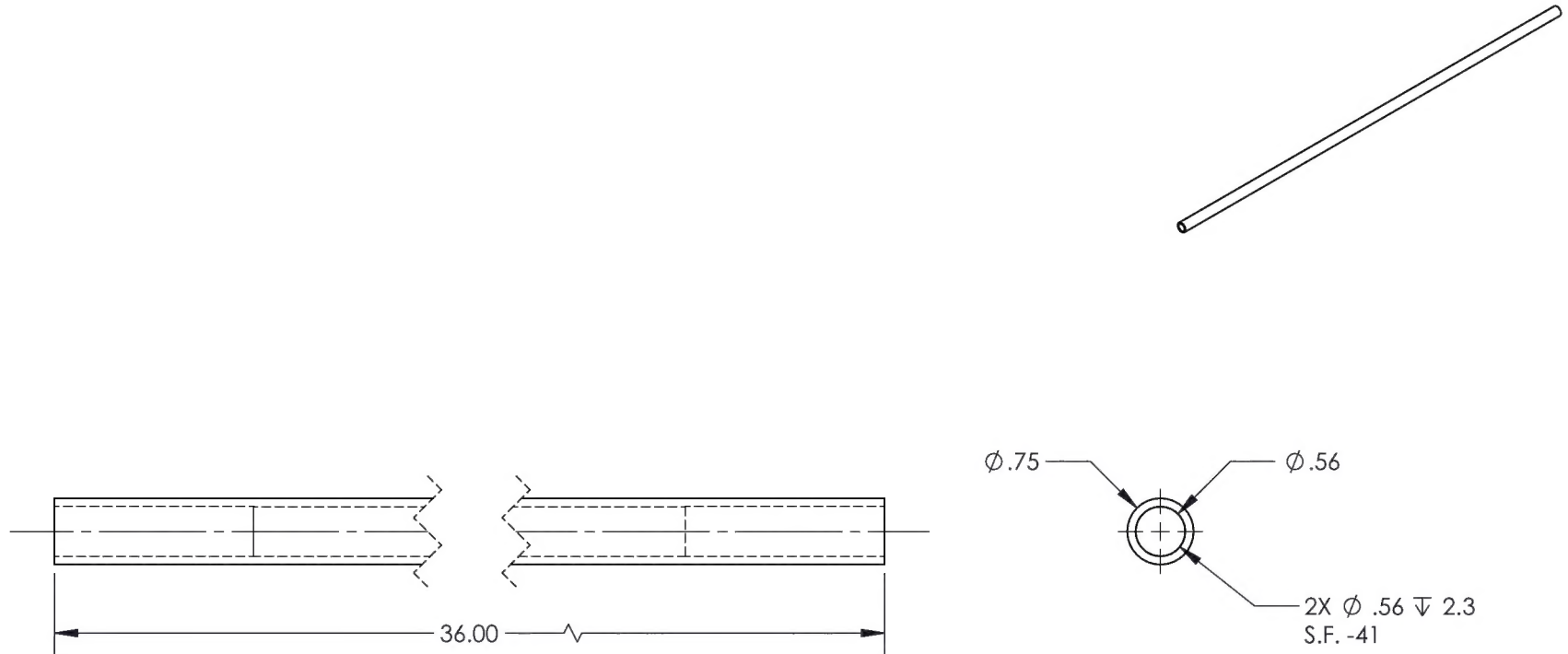
NOTE:  
BOTH -41 HOOKS MUST BE FACING THE SAME  
DIRECTION.

(-15)  
TIE ROD WELDMENT

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-15</b>	REV <b>2</b>
MAT'L <b>STEEL</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FINISH <b>POWDER COAT YELLOW</b>	.XXX ± .010 FRACTIONS ± 1/8
SPEC <b>FED #13538</b>	.XX ± .03 ANGLES ± 1°
DRAWN BY: <b>MACKOVJAK</b>	.X ± .1 SURFACES = 125° ✓
CHECKED: <b>CLOUGH</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
OPPS APPR: <b>ANDERSON</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: <b>LINDSAY</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: <b>GILBERT</b>	USED ON MODEL <b>A119</b>
SCALE <b>1:4</b>	DATE <b>10/8/2015</b>
SHEET 9 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-16 ADDED PART.	2/4/2016	DPD	JAG

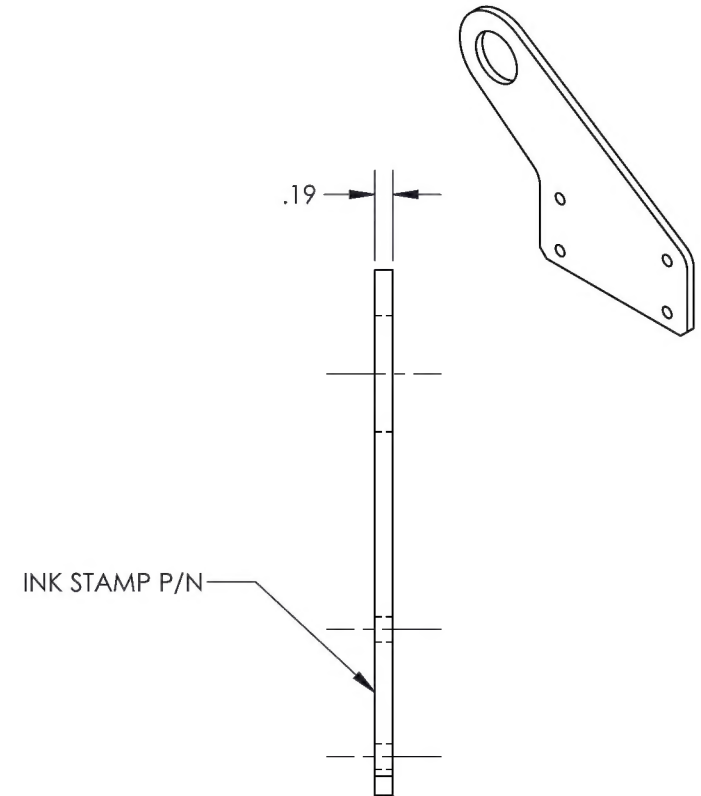
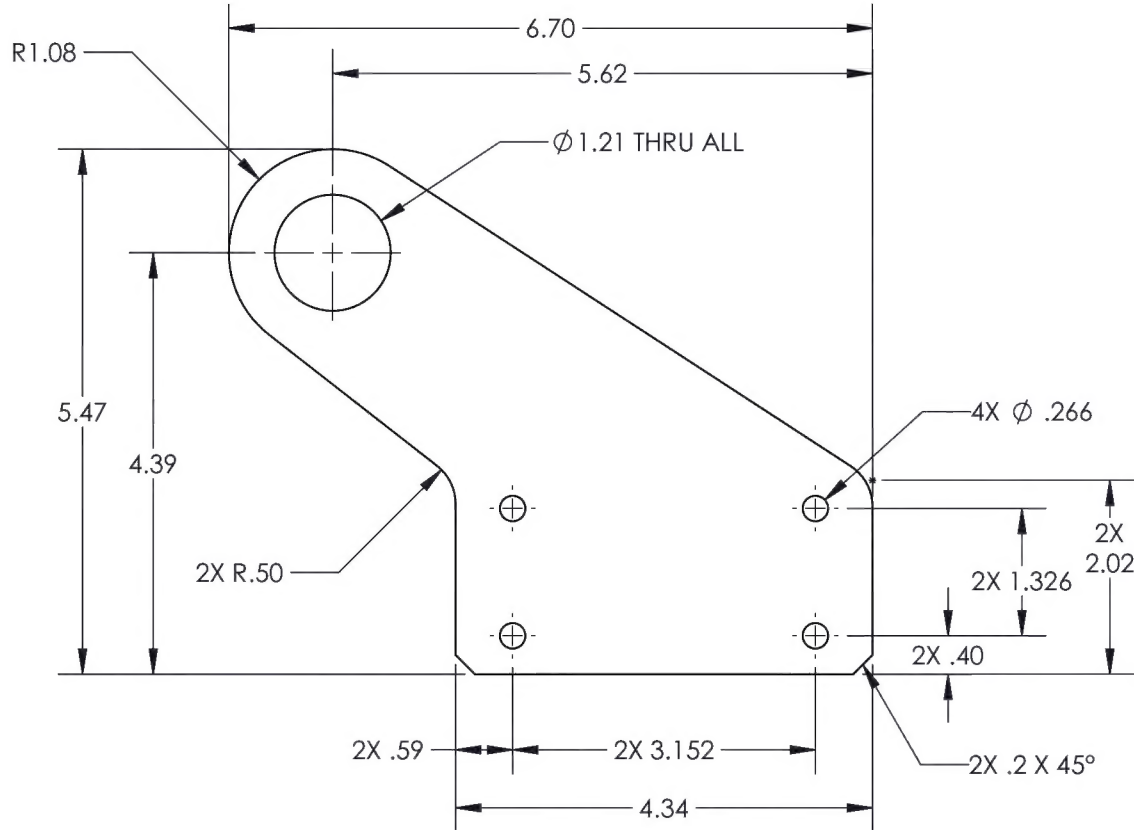


(-16)  
TIE ROD TUBE

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-15-16</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -15	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	A119
SCALE 1:2	DATE 10/8/2015
	SHEET 10 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02.	2/4/2016	DPD	JAG



INK STAMP P/N

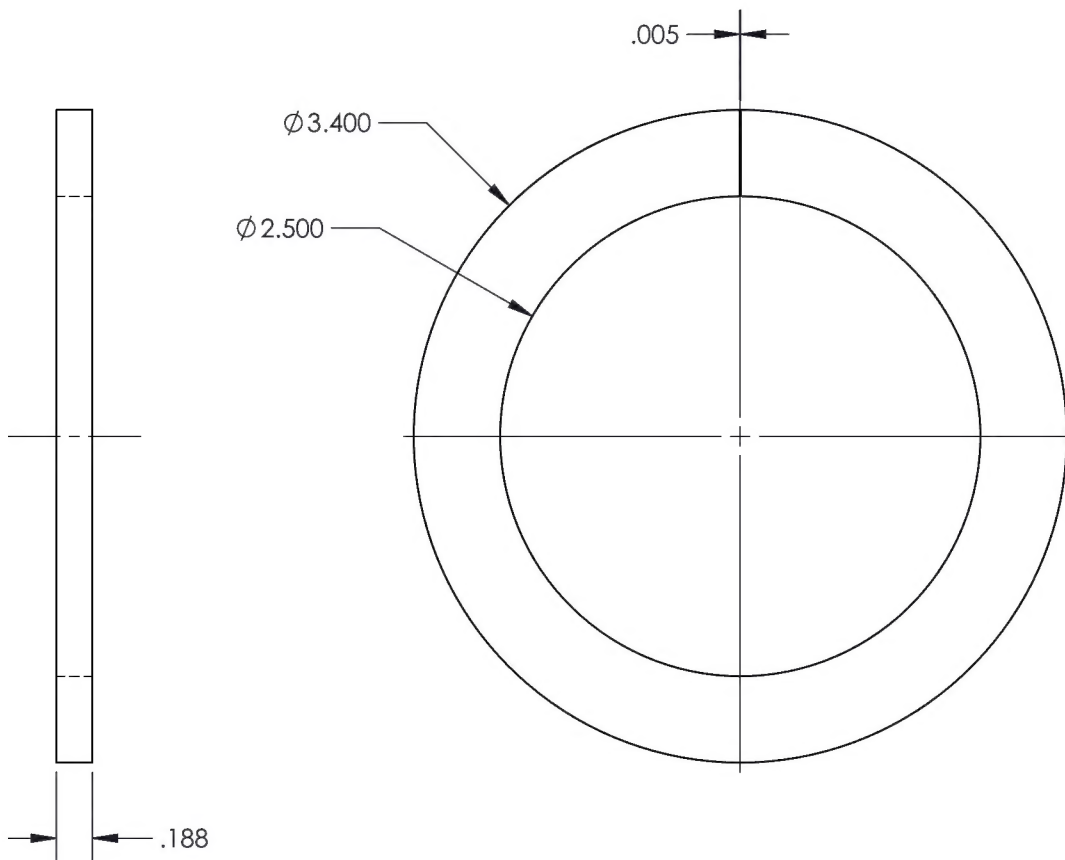
(-17)

PLATE, STRUCTUAL

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-17</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH POWDER COAT YELLOW	.XXX ± .005 FRACTIONS ± 1/8
SPEC FED #13538	.XX ± .01 ANGLES ± 5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 4/7/2011	USED ON MODEL
SHEET 11 OF 13	A119

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



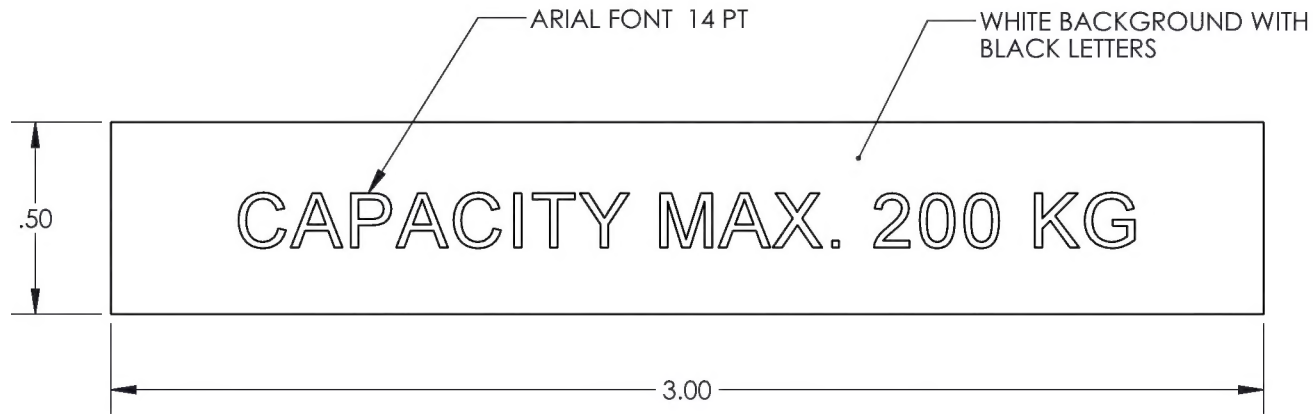
(-19)

RING

<b>DART</b> AEROSPACE	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-19</b>	REV. <b>2</b>
MAT'L NYLON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	A119
SCALE 1:1	DATE 9/1/2011
SHEET 12 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE.	2/4/2016	DPD	JAG



(-21)  
LABEL

<b>DART AEROSPACE</b>	
TITLE <b>MAIN TRANSMISSION LIFTING</b>	
DWG NO. <b>RBW109-3400-01-127-21</b>	REV <b>2</b>
MAT'L VINYL	UNLESS OTHERWISE SPECIFIED
FEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	A119
SCALE 2:1	DATE 9/1/2011
	SHEET 13 OF 13